

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

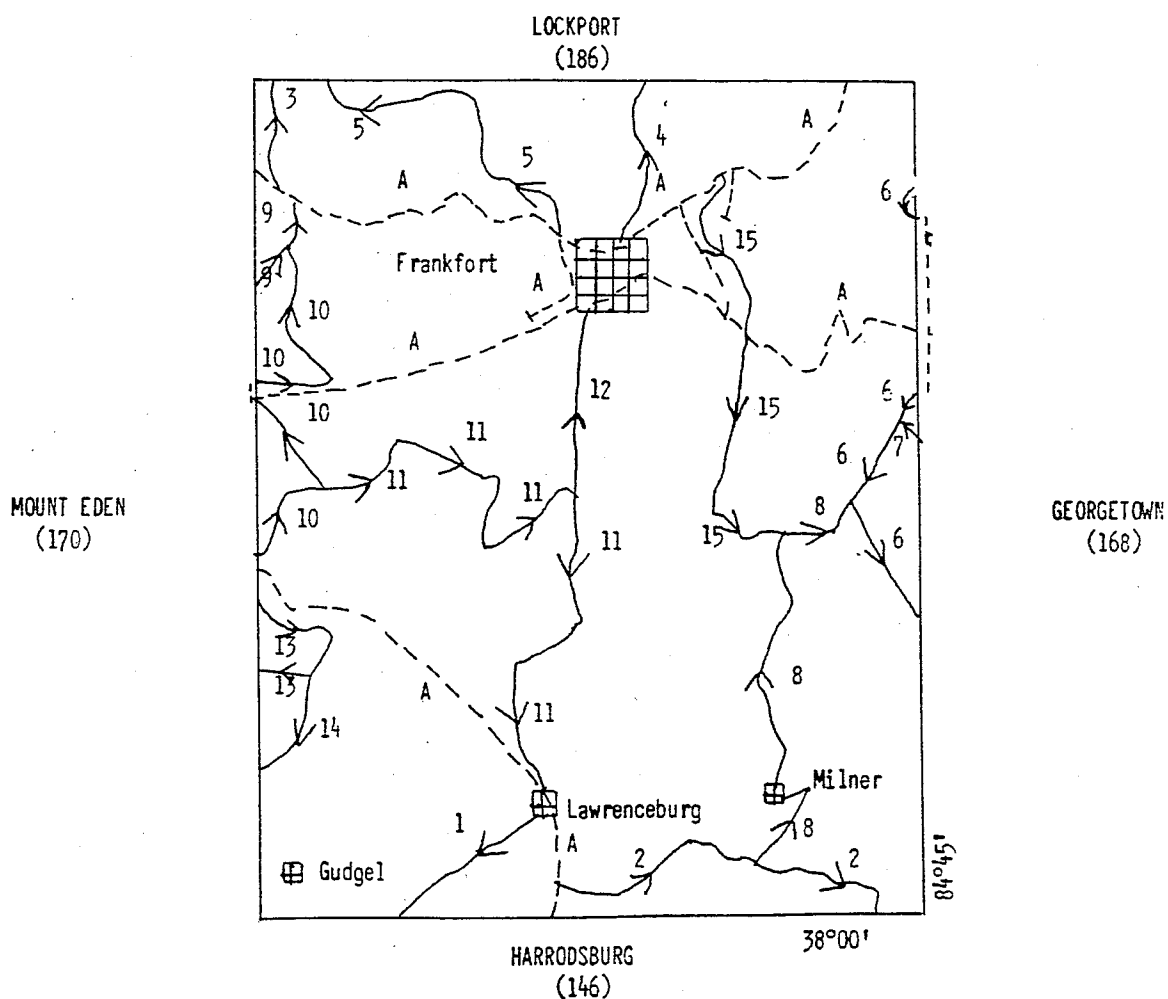
38-084-33
FRANKFORT QUADRANGLE
169 KENTUCKY
N3800-W8445/15
DIAGRAM NJ 16-6
LOUISVILLE

Anderson, Franklin and
Woodford Counties, Ky.

Final adjustment of 1973

Edition of 12/8/77

PR: DSW/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380843

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Feet

Elsinore; 75 ft W. of Louisville and Nashville Railroad station; at NE. corner of warehouse; on iron post; standard cap stamped "673"

673.164

Stedmantown; 300 ft W. of L. & N. RR. station; 6 ft N. of track; in E. end of culvert; standard tablet stamped "714" (Tied by NGS, 1950) (Reported disturbed, 1953)

714.231

Frankfort; at SW. corner of capitol grounds; 5 ft from corner fencepost; on iron post; standard cap stamped "511 LEXINGTON" (Reported not found, 1953)

511.133

Kennebec, 1.3 mi W. of, along L. & N. RR.; at N. end of steel bridge over Benson Creek; in retaining wall; standard tablet stamped "537"

536.872

Benson, 0.3 mi W. of, along L. & N. RR.; on E. abutment of steel bridge over Benson Creek; in retaining wall; standard tablet stamped "600"

599.651

Tyrone; 125 ft SW. of Southern Railway station; 20 ft N. of rail; 2 ft inside of right-of-way fence; on property of W. H. Lillard; on iron post; standard cap stamped "737 LEXINGTON"

737.236

Alton; at NE. corner of junction of State Highways 35 and 151; in W. face of foundation of store; standard tablet stamped "839" (Reported destroyed, 1954)

838.968

Frankfort, 7.3 mi SW. of post office; 2.7 mi NE. of Alton; about 100 ft E. of State Highway 35; in frontyard of large house; 3 ft above ground; in side of stone post which was formerly part of gate to house; standard tablet stamped "849"

848.794

Jett; 100 ft SE. of; on W. side of RR.; in E. foundation of mills; standard tablet stamped "791" (Reported destroyed, 1953)

790.635

Lawrenceburg, 3.3 mi SW. of intersection of U. S. Highway 62 and State Highway 35 (Broadway and Main Streets); 700 ft SW. of junction of Y-rd.; 134 ft W. of concrete culvert; 33 ft NW. of, and about 3 ft higher than centerline of Highway 62; 5 ft S. of fence; in 3- by 5- ft rock outcrop; standard tablet stamped "3 K 1921 KY"

753.673

Lawrenceburg, 4.0 mi W. of, along State Highway 44; 20 ft N. of centerline of hwy.; 100 ft E. of steel girder bridge over Hammonds Creek; at fenceline; in shelf of ledge on N. side of hwy.; standard tablet stamped "4 K 1921 KY" (Reported destroyed, 1953)

698.101

Avenstoke, 4.0 mi S. of; at junction of I-rd. W.; 30 ft E. of mailbox at residence of John Watts; in ledge at NW. corner of bank; standard tablet stamped "6 K 1921 KY" (Reported destroyed, 1950)

917.714

Bridgeport, 1.5 mi S. of; near South Benson Baptist Church; 160 ft SW. of junction of I-rd. S.; in rock in field; standard tablet stamped "8 K 1921 KY" (Reported destroyed, 1953)

810.284

Frankfort, 3.7 mi SW. of; 60 ft S. of centerline of rd.; 350 ft W. of concrete bridge over creek; in ledge; standard tablet stamped "9 K 1921 KY"

750.955

Frankfort; at State Capitol building; 6 ft N. of E. entrance; in granite base block on N. side of door; standard tablet stamped "PRIM TRAV STA NO 32 1920 KY 599" (Tied by NGS, 1950) (Not found, 1953)

598.903

1950

LINE 1.

Feet

By R. E. Carey, 1950; Book AV 154

Lawrenceburg; in front of county courthouse; 41 ft W. of row of columns; 33 ft SE. of NW. corner of base for Mexican War Monument; 2 ft N. of N. edge of concrete sidewalk; in concrete retaining wall around lawn; standard tablet stamped "PRIM TRAV STA NO 35 1920 2 K 1921 KY 784" (Tied by NGS, 1935) 784.054

U. E., Lawrenceburg, 0.6 mi W. of; 21 ft NE. and 22 ft SE. of junction of double drives SE.; on SW. end of rock wall around lawn; chiseled square 798.11

Lawrenceburg, 1.8 mi SW. of, along U. S. Highway 62; at NE. corner of farmyard of Frank Martin; 30 ft S. and 15 ft W. of centerline of hwy. at junction of private drive S.; 1 ft N. and 5 ft E. of fence corner; in concrete post; standard tablet stamped "36 RC 1950 862" 862.361

Reference mark; 220 ft NE. of tablet; 31 ft N. of centerline of hwy.; on SE. corner of concrete walk to farmhouse; chiseled square 857.61

U. E., Lawrenceburg, 3.0 mi SW. of; 20 ft S. and 27 ft E. of centerline of hwy. at junction of T-rd. S.; on S. concrete headwall of culvert; chiseled square 777.13

U. E., Lawrenceburg, 3.6 mi SW. of; 20 ft N. of centerline of hwy.; at E. end of curve; on N. concrete headwall of culvert; chiseled square 735.56

LINE 2.

By R. E. Carey, 1950; Book AV 154

"F 68 1935" (NGS) 797.042

Stringtown; at crossroads in commercial district; 84 ft S. and 28 ft E. of centerline of State Highway 35 at junction of rd. E.; 150 ft S. of Standard Oil Service Station; 4 ft S. of telephone pole; 2 ft W. of fence; in concrete post; standard tablet stamped "TT 20 MT 1950 864" 864.323

Reference mark; 110 ft NW. of tablet; 21 ft W. of centerline of hwy. at junction of rd. E.; on N. end of W. concrete headwall of culvert; chiseled square 860.65

Stringtown, 2.0 mi NE. of, along rd. to old Shryocks Ferry; 16 ft N. and 66 ft E. of centerline of rd. at junction of T-rd. S.; 1 ft S. and 12 ft W. of SW. corner of farmyard; in concrete post; standard tablet stamped "43 RC 1950 783" 782.687

Reference mark; 105 ft W. of tablet; 18 ft N. and 40 ft W. of centerline of rd. at junction of T-rd. S.; on rock outcrop; chiseled square 787.81

U. E., Stringtown, 2.8 mi NE. of; 12 ft NW. of centerline of rd.; 35 ft NW. of centerline of creek; on rock in side of bluff; chiseled square 620.40

Stringtown, 4.1 mi NE. of; 0.4 mi E. of old Shryocks Ferry on Kentucky River; 90 ft SE. and 27 ft SW. of centerline of rd. at junction of T-rd. SW.; 13 ft E. of NE. corner of barn; 3 ft N. of powerline pole; in concrete post; standard tablet stamped "44 RC 1950 516" 515.689

LINE 2 (Cont'd.)Feet

Stringtown, 6.3 mi E. of; 700 ft E. of bridge over Grier Creek; 27 ft S. and 18 ft E. of centerline of rd. at junction of private drive NW.; in concrete post; standard tablet stamped "45 RC 1950 635" 634.859

Reference mark; 80 ft NW. of tablet; 40 ft N. and 10 ft W. of centerline of rd. at junction of private drive NW.; on NW. abutment of bridge; chiseled square 628.02

U. E., Mortonville, 0.8 mi W. of, thence 2.2 mi N., thence 1.6 mi W.; 14 ft N. and 28 ft E. of centerline of rd. at junction of rd. SW.; on rock outcrop; chiseled square 769.16

U. E., Mortonville, 0.8 mi W. of, thence 2.2 mi N., thence 0.7 mi W.; 17 ft S. of centerline of rd.; at sharp curve and creek crossing; on S. rock headwall of culvert; chiseled square 785.08

Mortonville, 0.8 mi W. of, thence 2.2 mi N.; at intersection of Scotts Ferry and McCowans Ferry Roads; 42 ft N. and 17 ft E. of crossroads; 16 ft N. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "46 RC 1950 813" (Reported not found, 1967) 813.367

Reference mark; 80 ft SE. of tablet; 17 ft S. and 38 ft E. of crossroads; in root on W. side of 14-in. hackberry tree; copper nail and washer 806.08

U. E., Mortonville, 0.8 mi W. of, thence 1.8 mi N.; 24 ft S. and 12 ft W. of centerline of rd. at junction of private drive W.; on S. end of rock culvert; chiseled square 885.79

LINE 3.

By R. H. Paine, 1952; Book AV 322

"N 146 1949" (NGS) 652.574

Jacksonville, 0.9 mi E. of, thence 3.7 mi S.; 110 ft SW. of junction of Y-rd.; 19 ft W. of centerline of rd.; opposite cemetery; 2 ft S. of SE. corner of plank fence; in concrete post; standard tablet stamped "83 RHP 1952 831" 830.683

LINE 4.

By R. H. Paine, 1952; Book AV 322

Frankfort; in intersection of Wapping and St. Clair Streets; 0.7 ft W. of NE. corner; set vertically in N. face of water table at NE. corner of post office building projecting 3 ft above ground; standard tablet stamped "512 512.066" (Tied by NGS, 1950) 512.132

"W 146 1949" (NGS) 510.380

Frankfort, 1.9 mi NE. of, along State Highway 35; at foot of hill on E. side of hwy.; in S. end of E. concrete headwall of large culvert; standard tablet stamped "73 RHP 1952 492" 492.191

U. E., Frankfort, 2.6 mi NE. of; 30 ft E. of, and 1 ft higher than centerline of State Highway 35 at junction of drive S.; on SW. end of SE. concrete headwall of culvert; chiseled square 686.19

Frankfort, 4.0 mi NE. of, along State Highway 35; 140 ft W. of centerline of Highway 35; 100 ft NW. of NW. corner of gasoline station; in concrete post; standard tablet stamped "RESET 1952" (Replaces "PRIM TRAV STA NO 41 1920 KY") 825.829

LINE 4 (Cont'd.)Feet

Reference mark No. 2; 81 ft NE. of station; 54 ft W. of centerline of State Highway 35; 54 ft NE. of NW. corner of gasoline station; in concrete post; NGS standard reference mark disk stamped "USGS PT 41 1920 NO 2 1935"

822.406

Frankfort, 4.0 mi NE. of, along State Highway 35; 195 ft NE. of station; on W. side of Highway 35; in concrete culvert; NGS standard azimuth mark disk stamped "USGS PT 41 1920 1935"

814.111

LINE 5.

By R. H. Paine, 1952; Book AV 322

"512 512.066" (Described in line 4)

512.132

"V 146 1949" (NGS)

517.673

U. E., Frankfort, 1.7 mi NW. of post office, along U. S. Highway 421; about 100 ft E. of right-angled curve; on E. end of N. concrete headwall of culvert; chiseled square

673.91

Frankfort, 2.6 mi NW. of post office, along U. S. Highway 421; 42 ft NW. of centerline of hwy.; at Harrods Rock House Cafe; 3 ft SE. of center of SE. face of building; in small concrete porch; standard tablet stamped "102 RHP 1952 886"

886.052

U. E., Frankfort, 3.6 mi NW. of post office, along U. S. Highway 421; 65 ft SW. of, and level with centerline of Highway 421 at junction of rd. NE.; on W. concrete headwall of culvert; chiseled square

740.69

U. E., Frankfort, 4.8 mi NW. of post office, along U. S. Highway 421; at concrete bridge over Tucker Creek; on W. end of S. concrete abutment; chiseled square

620.30

Frankfort, 5.3 mi NW. of post office, along U. S. Highway 421; 15 ft S. of centerline of hwy.; in W. end of top concrete step leading to residence of Tansey Pulliam; standard tablet stamped "103 RHP 1952 654"

654.154

"104 RHP 1952 868" (Destroyed, 1980)

867.663

U. E., Frankfort, 5.3 mi NW. of post office, thence 1.7 mi W., thence 0.4 mi NW.; on E. end of N. headwall of concrete culvert; chiseled square

762.94

U. E., Frankfort, 5.3 mi NW. of post office, thence 1.7 mi W., thence 1.2 mi NW.; on NW. end of NW. concrete wingwall of bridge over Quire Branch; chiseled square

712.35

LINE 6.

By R. H. Paine, 1952; Book AV 322

Woodlake; 125 ft E. of centerline of U. S. Highway 460 at junction of T-rd. NE.; in W. end of N. concrete headwall of culvert; standard tablet stamped "IT 57 JRH 1952 752"

751.778

Reference mark; 90 ft W. of tablet; on S. end of concrete base for gasoline pump; chiseled square

754.63

LINE 6 (Cont'd.)Feet[Jogs into Georgetown quadrangle]

McKees Crossroads, 1.8 mi NE. of; at Woodburn School; 196 ft SE. of front door of school; 42 ft W. of centerline of rd. and walk to school; 11 ft NW. of curbing; 3 ft S. of S. curb at bottom step; in concrete post; standard tablet stamped "TT 62 JRH 1952 830" 829.704

McKees Crossroads; 16 ft N. and 26 ft E. of centerline of crossroads; 31 ft W. of 16-in. locust tree; 2 ft NE. of rd. signpost; 1 ft S. of fence; in concrete post; standard tablet stamped "TT 63 JRH 1952 891" (Reported not found, 1967) 891.282

McKees Crossroads, 1.6 mi SE. of, along U. S. Highway 60; 3.9 mi NW. of Versailles; 60 ft W. of centerline of Highway 60 at drive crossing; 175 ft N. of abandoned Glenns Creek School; 22 ft SE. of 10-in. walnut tree; 17 ft NW. of fence corner; 15 ft W. of power pole; 1 ft NE. of fence; in concrete post; standard tablet stamped "TT 64 JRH 1952 863" 862.719

LINE 7.

By R. H. Paine, 1952; Book AV 322

"TT 62 JRH 1952 830" (Described in line 6) 829.704

LINE 8.

By C. M. Nichols, 1952; Book AV 328

"44 RC 1950 516" (Described in line 2) 515.689

U. E., Stringtown, 5.6 mi NE. of, along paved rd.; on S. end of W. L-shaped concrete stone culvert; chiseled square 741.02

Milner, 0.9 mi E. of, along U. S. Highway 62; 34 ft N. and 85 ft W. of centerline of Highway 62 at junction of rd. SW.; 2 ft S. of fence; in concrete post; standard tablet stamped "45 CMN 1952 881" 881.177

Reference mark; 140 ft NE. of tablet; 70 ft N. of junction of Y-rd.; in root on SW. side of 36-in. hickory tree; copper nail and washer 889.12

U. E., Milner, 0.3 mi E. of, along U. S. Highway 62; 180 ft W. of junction of Y-rd.; on E. end of S. concrete headwall of culvert; chiseled square 811.88

Glenns Creek Church, 3.2 mi S. of; 13 ft N. and 39 ft E. of, and 2 ft higher than centerline of rd. at junction of private drive E.; 8 ft N. of gatepost; 4 ft SW. of 18-in. walnut tree; in concrete post; standard tablet stamped "46 CMN 1952 823" (Reported destroyed, 1967) 823.218

Reference mark; 55 ft W. of tablet; 42 ft NW. of junction of private drive E.; in root on N. side of 18-in. hackberry tree; copper nail and washer 823.20

Glenns Creek Church, 1.6 mi SW. of, along Steele Road; 55 ft NE. of, and 3 ft higher than intersection of Steele and Clifton Roads; 53 ft E. of centerline of Steele Road; 27 ft N. of centerline of Clifton Road; 2 ft SW. of stone wall; in concrete post; standard tablet stamped "47 CMN 1952 786" 786.150

LINE 8 (Cont'd.)Feet

Reference mark; 75 ft SE. of tablet; 111 ft E. of crossroads; 35 ft NE. of NE. corner of house; on concrete step; chiseled square	791.35
Glenns Creek Church; 420 ft S. of intersection of Steele and McCracken Roads; 95 ft W. of SW. corner of church; 49 ft E. of centerline of Steele Road; 3 ft N. of stone wall; in concrete post; standard tablet stamped "48 CMN 1952 741"	741.375
Reference mark; 62 ft E. of tablet; 33 ft W. of SW. corner of church; in root on N. side of 18-in. maple tree; copper nail and washer	742.71
U. E., Glenns Creek Church, 1.0 mi NW. of, along McCracken Road; on SW. end of concrete bridge crossing Glenns Creek; chiseled square	717.13
Glenns Creek Church, 2.0 mi NW. of, along McCracken Road; at private drive N. to residence of Porter Wilson; 37 ft NW. of intersection; 25 ft N. and 24 ft W. of centerline of McCracken Road at junction of private drive N.; 2 ft SE. of stone wall; in concrete post; standard tablet stamped "49 CMN 1952 720"	719.829
Reference mark; 235 ft W. of tablet; on E. end of S. wall of bridge crossing small creek; chiseled square	718.92
"TT 63 JRH 1952 891" (Described in line 6)	891.282

LINE 9.

By W. S. Monk, 1952; Book AV 334

Benson, 1.6 mi W. of, thence 2.2 mi S.; at Roberts Chapel; 3 ft N. and 2 ft W. of SW. corner of church; in concrete post; standard tablet stamped "TT 4 TWC 1952 868"	868.003
Reference mark; 12 ft N. of tablet; on concrete steps of church; chiseled square	868.04
Benson, 1.4 mi W. of; 2.2 mi N. of Roberts Chapel; 15 ft S. and 8 ft E. of RR. crossing; 2 ft E. of crossing sign; in concrete post; standard tablet stamped "TT 3 TWC 1952 639"	639.564
"N 146 1949" (NGS) (Also in line 3)	652.574

LINE 10.

By W. S. Monk, 1952; Book AV 334

Alton, 3.7 mi NW. of, along State Highway 151; 30 ft W. of junction of T-rd.; 27 ft SW. of centerline of Highway 151; 16 ft NW. of centerline of T-rd.; in concrete post; standard tablet stamped "TT 7 TWC 1952 756"	755.874
U. E., Alton, 4.7 mi NW. of; 20 ft SW. of centerline of State Highway 151; 250 ft NW. of drive NE. at Fords Truck Stop; on concrete headwall of culvert; chiseled square	777.24
U. E., Alton, 5.6 mi NW. of; 450 ft S. of centerline of State Highway 151 at junction of rd. NW.; 20 ft E. of centerline of Highway 151; at drain crossing; on concrete headwall of culvert; chiseled square	727.45

LINE 10 (Cont'd.)Feet

Alton, 6.3 mi NW. of, along State Highway 151; 19 ft S. of junction of entrance to U. S. Highway 60; 17 ft N. of 40-in. sycamore tree; 3 ft N. and 16 ft W. of fence corner; in concrete post; standard tablet stamped "TT 6 TWC 1952 716"

715.860

Reference mark; 35 ft N. of tablet; on concrete drain; chiseled square

717.10

[Jogs into Mount Eden quadrangle]

Roberts Chapel, 2.1 mi S. of, along graveled and paved rd.; 58 ft S. and 12 ft W. of junction of driveway to two-story white frame house; 2 ft E. of wire fence; in concrete post; standard tablet stamped "TT 5 TWC 1952 783"

783.066

Reference mark; 10 ft W. of tablet; in root on S. side of 28-in. oak tree; rail spike

783.77

U. E., Roberts Chapel; 170 ft S. and 17 ft W. of centerline of rd. at Benson Creek crossing; in root on NW. side of 14-in. black cherry tree; rail spike

676.30

[Jogs into Mount Eden quadrangle]

"TT 4 TWC 1952 868" (Described in line 9)

868.003

LINE 11.

By W. S. Monk, 1952; Book AV 334

"TT 7 TWC 1952 756" (Described in line 10)

755.874

Bridgeport, 1.6 mi S. of; 20 ft N. of, and 3 ft higher than centerline of Bridgeport-Farmdale Road at junction of rd. S.; on bank; in concrete post; standard tablet stamped "37 WSM 1952 818"

APPROXIMATE
DESTRUCTION BY
FRANKFORD ENGINEER
DESTROYED
JMB
6 APR 56

Reference mark; 80 ft S. of tablet; in root on SW. side of 14-in. hickory tree; copper nail and washer

811.54

Bridgeport, 1.6 mi S. of, thence 2.3 mi SE.; 5.3 mi SW. of Frankfort; in SW. angle of junction of Y-rd. NW.; 30 ft NW. of centerline of State Highway 35; 70 ft SW. of junction of rd. NW.; in concrete post; standard tablet stamped "38 WSM 1952 849" (Not found, 1967)

848.811

Reference mark; 70 ft SE. of tablet; in root on NW. side of locust tree stump; copper nail and washer

852.88

U. E., Frankfort, 6.6 mi SW. of, along State Highway 35; 190 ft S. and 25 ft E. of centerline of Highway 35 at junction of rd. SE.; on concrete headwall of culvert; chiseled square

813.92

Frankfort, 6.6 mi SW. of, along State Highway 35, thence 1.1 mi NE.; 35 ft S. and 14 ft E. of junction of rd. S. to Lanes Mill; in concrete post; standard tablet stamped "39 WSM 1952 792" (Reported destroyed, 1967)

792.486

LINE 11 (Cont'd.)Feet

Frankfort, 3.0 mi S. of, along State Highway 35, thence 2.1 mi S.; 3.4 mi N. of Minevah; 6 ft N. and 52 ft W. of centerline of rd. at junction of T-rd. W.; 18 ft N. of centerline of rd. at junction of T-rd. W.; 18 ft N. of centerline of rd. W.; 57 ft WSW. of 18-in. locust tree; 5 ft N. of fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "TT 69 JRH 1952 752" 751.675

Reference mark; 60 ft SE. of tablet; in root on W. side of 14-in. locust tree; copper nail and washer 752.13

Minevah, 1.7 mi N. of; at Lanes Mill; 450 ft N. of bridge over Little Benson Creek; across rd. from house; 17 ft N. and 20 ft W. of centerline of rd. at junction of T-rd. W.; 48 ft NNW. of center of small wooden bridge; 2 ft NW. of corner fencepost; in concrete post; standard tablet stamped "TT 68 JRH 1952 577" (Not found, 1967) 577.504

Reference mark; 430 ft S. of tablet; on NW. concrete abutment of bridge over Little Benson Creek; chiseled square 582.23

Minevah; 4.5 mi NE. of Lawrenceburg; 200 ft W. of rd. forks; 6 ft E. of W. end of concrete walk; in front of store and residence of Mrs. J. S. Sullivan; 4 ft N. of S. edge; in walk; standard tablet stamped "PRIM TRAV STA NO 34 1920 KY 842" (Reported disturbed, 1952) 841.865

Reference mark; 140 ft SE. of tablet; in root on E. side of 28-in. walnut tree; copper nail and washer 842.52

Lawrenceburg, 2.8 mi N. of; 1.7 mi W. of Minevah, along State Highway 326; at right-angle turn in hwy.; 26 ft N. and 10 ft E. of centerline of hwy. at junction of T-rd. N.; 5 ft E. of fence corner; 1 ft S. of fence; in concrete post; standard tablet stamped "TT 67 JRH 1952 806" 806.125

Reference mark; 0.4 mi S. of tablet; at concrete bridge crossing creek; on NE. abutment; chiseled square 773.24

Lawrenceburg, 1.7 mi N. of; 170 ft S. and 20 ft W. of junction of State Highway 35 and 326; on concrete headwall of culvert; chiseled square 852.57

Lawrenceburg; at Anderson High School; 28 ft SSW. of NW. corner of school; 17 ft WNW. of doors at W. entrance; in SW. corner of terrace; in concrete post; standard tablet stamped "TT 66 JRH 1952 781" 780.759

Reference mark; 120 ft NW. of tablet; on S. end of concrete bridge; chiseled square 772.55

Lawrenceburg; at post office; between two steps leading to W. front entrance; in concrete sidewalk; standard tablet stamped "1 K 1921 KY" (Tied by NGS, 1935) 791.311

LINE 12.

By W. S. Monk, 1952; Book AV 334

"TT 69 JRH 1952 752" (Described in line 11) 751.675

LINE 12 (Cont'd.)Feet

Frankfort, 3.0 mi S. of, along State Highway 35; 5.5 mi N. of Minevah; at junction of hwy. and Johnson Road E. and Lanes Mill Road S.; 50 ft S. of centerline of rd. E.; 42 ft NE. of centerline of rd. S.; 20 ft SSE. of centerline of Highway 35 at stream crossing; on shoulder of hwy.; in concrete post; standard tablet stamped "TT 70 JRH 1952 614"

613.644

Reference mark; 30 ft S. of tablet; on concrete headwall of culvert; chiseled square

615.41

Frankfort, 0.8 mi S. of, along State Highway 35; 0.5 mi N. of service station; 0.1 mi S. of power substation; 27 ft ESE. of, and 3 ft lower than centerline of Highway 35; 3 ft NE. of power pole; in concrete post; standard tablet stamped "TT 71 JRH 1952 494"

494.457

Frankfort; 1.0 mi S. of station; at State Capitol Building; 6 ft N. of first step to Capitol grounds; 0.5 ft below level of sidewalk at N. entrance to Capitol Building; on iron pipe with iron cover; NGS standard azimuth mark disk stamped "FRANKFORT 1935"

557.912

LINE 13.

By W. S. Monk, 1952; Book AV 334

Avenstoke, 2.2 mi SE. of, along graveled rd.; 23 ft E. of centerline of rd. near top of ridge; 18 ft S. and 3 ft E. of SE. corner of small garage; 4 ft W. of wire fence; in concrete post; standard tablet stamped "TT 8 TWC 1952 913"

913.044

Reference mark; 8 ft SE. of tablet; in root on N. side of 12-in. oak tree; copper nail and washer

912.67

LINE 14.

By W. S. Monk, 1952; Book AV 334

Alton Station, 2.5 mi WSW. of, along State Highway 512, thence 0.7 mi S.; at Fellowship Baptist Church; 3 ft N. and 41 ft W. of W. corner of church; 67 ft from SW. corner of cemetery; 13 ft S. and 7 ft E. of fencepost at W. corner of churchyard; 1 ft S. of S. corner of coalhouse; in concrete post; standard tablet stamped "TT 12 MT 1950 928"

927.717

Reference mark; 80 ft SE. of tablet; on concrete steps at entrance to church; chiseled square

926.11

Alton Station, 2.5 mi WSW. of, along State Highway 512, thence 2.6 mi S. along winding ridgetop rd. 1.8 mi NE. of Browns Store; in frontyard of farm residence of Albert C. Perry; 14 ft N. of centerline of rd.; 45 ft E. of fencepost at SW. corner of yard; 7 ft W. of gate; 1 ft S. of fence; in concrete post; standard tablet stamped "TT 11 MT 1950 919" (Reported destroyed, 1967)

919.139

Reference mark; 100 ft W. of tablet; in root on S. side of 12-in. oak tree; copper nail and washer

916.74

LINE 15.

By W. S. Monk, 1953; Book AV 334

"C 147 1949" (NGS) (Reported not found, 1959)

736.344

LINE 15 (Cont'd.)Feet

U. E., Jett, 2.2 mi NW. of; 300 ft E. of junction of U. S. Highways 460, 60 and 421; on W. end of concrete foundation for gas pump at windmill and gasoline station; chiseled square 802.57

Jett, 0.9 mi N. of; 35 ft SW. of junction of U. S. Highways 60 and 421; 165 ft SW. of SE. corner of building of Burley Oil Company; 35 ft SE. of "Schenley Distillers" sign on S. side of hwy.; 3 ft NE. of power pole; in concrete post; standard tablet stamped "1 WSM 1953 808" (Reported destroyed, 1964) 807.837

Reference mark; 850 ft SE. of tablet; at crossing of L. & N. RR.; on NE. stone abutment of bridge; chiseled cross 797.15

Jett, 1.7 mi S. of; 1.1 mi N. of Millville; at top of hill; 33 ft N. and 22 ft E. of centerline of rd. at junction of drive E.; in frontyard of residence of Hobert Purcell; in concrete post; standard tablet stamped "2 WSM 1953 851" 851.692

Reference mark; 260 ft S. of tablet; 25 ft E. of centerline of rd.; on concrete foundation of cattle crossing; chiseled square 850.22

Millville, 0.7 mi S. of; at bridge over Kentucky River; in NW. concrete abutment; standard tablet stamped "3 WSM 1953 601" 601.034

Reference mark; 15 ft W. of tablet; on stone abutment of old bridge; chiseled square 597.03

Millville, 2.2 mi S. of; 2.9 mi NW. of Glenss Creek Church; 70 ft N. and 20 ft E. of centerline of rd. at junction of rd. S. to Kentucky Dew Distilling Company; 3 ft W. of telephone pole; in concrete post; standard tablet stamped "4 WSM 1963 670" 670.698

Reference mark; 400 ft N. of tablet; on concrete abutment of bridge; chiseled square 662.31

"49 CMW 1952 720" (Described in line 8) 719.829

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-084-33
FRANKFORT QUADRANGLE
169 KENTUCKY
N3800-W8445/15
DIAGRAM NJ 16-6
LOUISVILLE

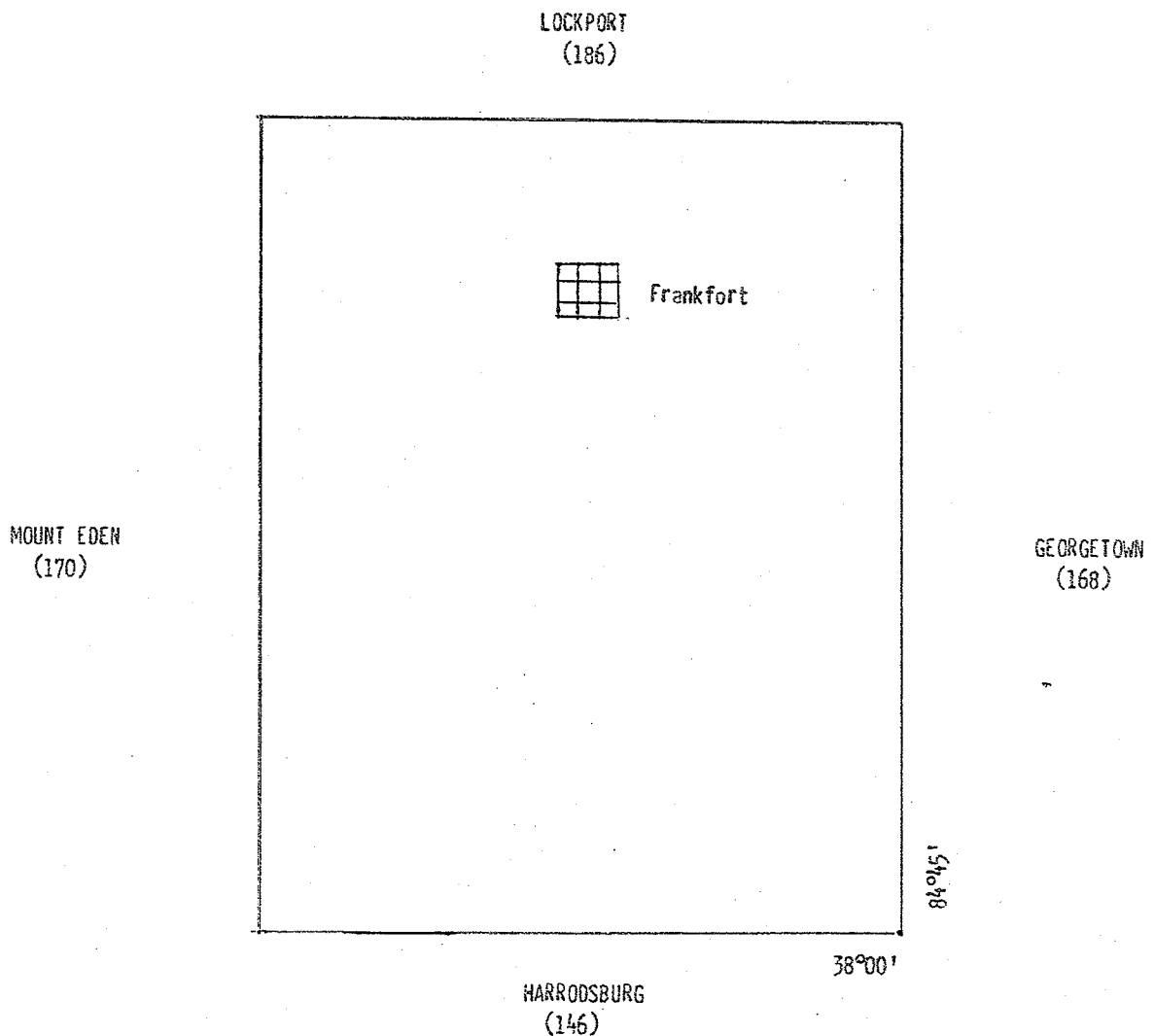
Anderson, Franklin, and
Woodford Counties

Edition of 5/12/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, North Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

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PTS NO 33 1920 KY	3
PTS NO 34 1920 KY 842	3
PTS NO 35 1920 KY 2 K 1921 KY 784	3
PTS NO 36 1920 KY RESET 1939	3
PTS NO 38 1920 KY	4
PTS NO 40 1920 KY 714	4
PTS NO 42 1920 KY	4
TT 11 MT 1950 919	4
TT 12 MT 1950 928	4
TT 20 MT 1950 864	4
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TT 62 JRH 1952 830	5
TT 63 JRH 1952 891	5
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TT 7 TWC 1953 756	7
RESET 1952 (PTS NO 41 1920 KY)	7
<u>NGS</u>	
X 146 1949	6

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1904; Books 3475, 3481; and B. H. Yoakum, 1920; Book C7175

Tyrone; in E. part of field on N. side of Southern Railway; just off right-of-way; standard tablet stamped "PRIM TRAV STA NO 21 1904"

X = 1,827,066 Y = 196,036 38 02 12.43 84 51 01.51

Frankfort, in intersection of Wapping and St. Clair Streets; 0.7 ft W. of NE. corner, set vertically in N. face of water tablet at NE. corner of post office building projecting 3 ft above ground; standard tablet stamped "512 512.066"

X = 1,819,215 Y = 254,566 38 11 50.52 84 52 44.63

Frankfort; in W. corner of Capitol grounds; 231 ft to W. corner post of porch to Capitol; 5 ft from corner fence post; in concrete post; standard tablet stamped "PRIM TRAV STA NO 25 1904" (Not found, 1953)

X = 1,819,604 Y = 255,582 38 12 00.59 84 52 39.85

Frankfort; at State Capitol building; 6 ft N. of E. entrance; in granite base block on N. side of door; standard tablet stamped "PRIM TRAV STA NO 32 1920 KY 599" (Not found, 1953)

X = 1,820,432 Y = 250,640 38 11 11.79 84 52 29.05

"PRIM TRAV STA NO 33 1920 KY" (Destroyed, 1953)

X = 1,818,401 Y = 238,784 38 09 14.45 84 52 53.47

Ninevah; 4.5 mi NE. of Lawrenceburg; 200 ft W. of rd. forks; 6 ft E. of W. end of walk; in front of store and residence of Mrs. J. D. Sullivan; 4 ft N. of S. edge of walk; in concrete walk; standard tablet stamped "PRIM TRAV STA NO 34 1920 KY 842" (Reported disturbed, 1952)

X = 1,818,825 Y = 212,749 38 04 57.11 84 52 45.94

Lawrenceburg, in front of county courthouse; 41 ft W. of row of columns; 33 ft SE. of NW. corner of base for Mexican War Monument; 2 ft N. of N. edge of concrete sidewalk; in concrete retaining wall around lawn; standard tablet stamped "PRIM TRAV STA NO 35 1920 2 K 1921 KY 784"

X = 1,814,033 Y = 195,635 38 02 07.60 84 53 44.37

Versailles, 5.5 mi NW. of; at McKees Crossroads; in E. corner of yard of E. C. Hackney; 83 ft from corner of porch; 65 ft W. of crossroads; 8 ft from W. rail of electric RR.; in concrete block; standard tablet stamped "PRIM TRAV STA NO 36 1920 KY RESET 1939" (Not found, 1952)

X = 1,848,415 Y = 226,672 38 07 16.55 84 46 36.87

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

PRIM TRAV STA NO 38 1920 KY" (Destroyed, 1952)

X = 1,855,177 Y = 259,308 38 12 39.59 84 45 14.48

Stedmantown; 360 ft W. of RR. station; 6 ft N. of track; in E. end of culvert; standard tablet stamped "PRIM TRAV STA NO 40 1920 KY 714" (Reported disturbed, 1953)

X = 1,835,932 Y = 262,473 38 13 09.75 84 49 15.86

Frankfort, 3.0 mi NW. of, along U.S. Highway 421, thence 2.0 mi N.; 31 ft S. of, and 1 ft lower than centerline of rd. at junction of rd. N.; 139 ft SW. of center of concrete bridge over Davis Branch; on iron post; standard cap stamped "PRIM TRAV STA NO 42 1920 KY"

X = 1,810,223 Y = 272,874 38 14 50.89 84 54 38.89

By M. W. Thompson, 1950; Book AH 174

Alton Station, 2.5 mi WSW. of, along State Highway 512, thence 2.6 mi S. along winding ridgetop rd.; 1.8 mi NE. of Browns Store; in front of farm residence of Albert C. Perry; 14 ft N. of centerline of rd.; 45 ft E. of fencepost at SW. corner of yard; 7 ft W. of gate; 1 ft S. of fence; in concrete post; standard tablet stamped "IT 11 MT 1950 919" (Reported destroyed, 1967)

X = 1,785,067 Y = 199,898 38 02 47.57 84 59 46.82

Alton Station, 2.5 mi WSW. of, along State Highway 512, thence 0.7 mi S.; at Fellowship Baptist Church; 3 ft N. and 41 ft W. of W. corner of church; 67 ft from SW. corner of cemetery; 13 ft S. and 7 ft E. of fencepost at W. corner of churchyard; 1 ft S. of S. corner of coalhouse; in concrete post; standard tablet stamped "IT 12 MT 1950 928"

X = 1,789,115 Y = 206,464 38 03 52.80 84 58 56.87

Stringtown; at crossroads in commercial district; 150 ft S. of Standard Oil service station; 84 ft S. and 28 ft E. of centerline of State Highway 35 at junction of rd. E.; 4 ft S. of telephone pole; 2 ft W. of fence; in concrete post; standard tablet stamped "IT 20 MT 1950 864"

X = 1,818,409 Y = 185,526 38 00 27.96 84 52 48.81

By J. R. Harris, 1952; Book AH 300

Woodlake; 125 ft E. of centerline of U.S. Highway 460 at junction of I-rd. NE.; in W. end of N. concrete headwall of large culvert; standard tablet stamped "IT 57 JRH 1952 752"

X = 1,855,244 Y = 259,185 38 12 38.38 84 45 13.64

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBsolete MARKS (Cont'd.)

By J. R. Harris, 1952; Book AH 300

McKees Crossroads, 1.8 mi NE. of; at Woodburn School; 196 ft SE. of front door of school; 42 ft W. of centerline of rd. and walk to school; 11 ft WNW. of curbing; 3 ft S. of S. curb at bottom step; in concrete post; standard tablet stamped "TI 62 JRH 1952 830"

X = 1,852,855 Y = 234,800 38 08 37.18 84 45 41.87

McKees Crossroads; 16 ft N. and 26 ft E. of centerline of crossroads; 31 ft W. of 16-in. locust tree; 2 ft NE. of rd. signpost; 1 ft S. of fence; in concrete post; standard tablet stamped "TI 63 JRH 1952 891" (Not found, 1967)

X = 1,848,485 Y = 226,595 38 07 15.83 84 46 35.99

McKees Crossroads, 1.6 mi SE. of, along U.S. Highway 60; 3.9 mi NW. of Versailles; 60 ft W. of centerline of Highway 60 at drive crossing; 175 ft N. of abandoned Glenss Creek School; 22 ft SE. of 10-in. walnut tree; 17 ft NW. of fence corner; 15 ft W. of power pole; 1 ft NE. of fence; in concrete post; standard tablet stamped "TI 64 JRH 1952 863"

X = 1,852,603 Y = 219,397 38 06 04.90 84 45 43.95

Lawrenceburg; at Anderson High School; 28 ft SSW. of NW. corner of school; 17 ft WNW. of doors at W. entrance; in SW. corner of terrace; in concrete post; standard tablet stamped "TI 66 JRH 1952 781"

X = 1,813,758 Y = 197,121 38 02 22.27 84 53 47.94

Lawrenceburg, 2.8 mi N. of courthouse; 1.7 mi W. of Ninevah, along State Highway 326; at right-angle turn in hwy.; 26 ft N. and 10 ft E. of centerline of hwy. at junction of graveled I-rd. N.; 5 ft E. of fence corner; 1 ft S. of fence; in concrete post; standard tablet stamped "TI 67 JRH 1952 806"

X = 1,810,528 Y = 209,533 38 04 24.74 84 54 29.42

Ninevah, 1.7 mi N. of; at Lanes Mill; 450 ft N. of bridge over Little Benson Creek; across rd. from house; 17 ft N. and 20 ft W. of centerline of rd. at junction of I-rd. W.; 48 ft NNW. of center of small wooden bridge; 2 ft NW. of corner of fencepost; in concrete post; standard tablet stamped "TI 68 JRH 1952 577" (Not found, 1967)

X = 1,818,332 Y = 220,197 38 06 10.70 84 52 52.74

Frankfort, 3.0 mi S. of, along State Highway 35, thence 2.1 mi S.; 3.4 mi N. of Ninevah; 6 ft N. and 52 ft W. of centerline of rd. at junction of I-rd. W.; 18 ft N. of centerline of rd. W.; 57 ft WSW. of 18-in. locust tree; 5 ft N. of fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "TI 69 JRH 1952 752"

X = 1,819,247 Y = 227,925 38 07 27.16 84 52 41.95

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Frankfort, 3.0 mi S. of, along State Highway 35; 5.5 mi N. of Ninevah; at junction of hwy. atn Johnson Road E.; and Lanes Mill Road S.; 50 ft S. of centerline of rd. E.; 42 ft NE. of centerline of rd. S.; 20 ft SSE. of centerline of Highway 35 at stream crossing; on shoulder of hwy.; in concrete post; standard tablet stamped "TT 70 JRH 1952 614"

X = 1,818,426	Y = 238,797	38 09 14.58	84 52 53.16
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Frankfort, 0.8 mi S. of, along State Highway 35; 0.5 mi N. of service station; 0.1 mi S. of power substation; 27 ft ESE. of, and 3 ft lower than centerline of hwy.; 3 ft NE. of power pole; in concrete post; standard tablet stamped "TT 71 JRH 1952 494"

X = 1,820,320	Y = 249,150	38 10 57.06	84 52 30.33
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Frankfort; at Capitol Bridge over Kentucky River; 22 ft W. of centerline of State Highway 35; 1 ft higher than concrete walk; in S. face of lightpost base at W. end of S. abutment; NGS standard disk stamped "X 146 1949"

X = 1,820,550	Y = 253,888	38 11 43.91	84 52 27.86
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Frankfort, 1.9 mi NE. of RR. station, along State Highway 35; at foot of hill on E. side of hwy.; on S. end of E. concrete headwall of culvert; standard tablet stamped "73 RHP 1952 492 TT"

X = 1,827,033	Y = 261,854	38 13 03.09	84 51 07.30
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By I. W. Cayce, 1952; Book AH 302

Jacksonville, 0.9 mi E. of, thence 3.7 mi S.; 110 ft SW. of junction of Y-rd.; 19 ft W. of centerline of rd., opposite cemetery; 2 ft S. of SE. corner of plank fence; in concrete post; standard tablet stamped "83 RHP 1952 831"

X = 1,786,540	Y = 265,646	38 13 37.65	84 59 35.04
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Benson, 1.4 mi W. of; 2.2 mi N. of Roberts Chapel; 15 ft S. and 8 ft E. of RR. crossing; 2 ft E. of crossing sign; in concrete post; standard tablet stamped "TT 3 TWC 1952 639"

X = 1,789,087	Y = 260,727	38 12 49.23	84 59 02.64
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Benson, 1.6 mi W. of, thence 2.2 mi S.; at Roberts Chapel; 3 ft N. and 2 ft E. of SW. corner of building; in concrete post; standard tablet stamped "TT 4 TWC 1952 868"

X = 1,784,631	Y = 253,243	38 11 34.89	84 59 57.68
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Roberts Chapel, 2.1 mi S. of, along graveled and paved rd.; 58 ft S. and 12 ft W. of junction of driveway to two-story white frame house; 2 ft E. of wire fence; in concrete post; standard tablet stamped "TI 5 TWC 1952 783" (Reported destroyed, 1978)

X = 1,787,406 Y = 246,435 38 10 27.81 84 59 22.27

Alton, 6.3 mi NW. of post office, along State Highway 151; 19 ft S. of junction of entrance to U.S. Highway 60; 17 ft N. of 40-in. sycamore tree; 3 ft N. and 16 ft W. of fence corner; in concrete post; standard tablet stamped "TI 6 TWC 1952 716" (Reported destroyed, 1978)

X = 1,785,188 Y = 240,632 38 09 30.27 84 59 49.44

Alton, 3.7 mi NW. of post office, along State Highway 151; 30 ft W. of junction of I-rd.; 27 ft SW. of centerline of Highway 151; 16 ft NW. of centerline of I-rd.; in concrete post; standard tablet stamped "TI 7 TWC 1952 756"

X = 1,791,154 Y = 228,935 38 07 35.10 84 58 33.60

Avenstoke, 2.2 mi SE. of RR. station, along graveled rd.; 23 ft E. of centerline of rd. near top of ridge; 18 ft S. and 3 ft E. of SE. corner of small garage; 4 ft W. of wire fence; in concrete post; standard tablet stamped "TI 8 TWC 1952 913"

X = 1,790,050 Y = 213,757 38 05 04.97 84 58 45.91

MARK TIED BY NGS

By J. R. Harris, 1952; Book AH 300

Frankfort, 4.0 mi NE. of; 140 ft W. of centerline of State Highway 35; 100 ft NW. of NW. corner of service station in concrete; standard tablet stamped "RESET 1952" (Replaces PRIM TRAV STA NO 41 1920 KY) (Reported destroyed, 1953)

X = 1,825,326.43 Y = 269,535.71 38 14 18.915 84 51 29.318